

NOVEL GENES ENCODING PROTEINS HAVING
DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES

Abstract of the Disclosure

5 The invention provides isolated nucleic acids encoding a variety of
proteins having diagnostic, preventive, therapeutic, and other uses. These nucleic and
proteins are useful for diagnosis, prevention, and therapy of a number of human and
other animal disorders. The invention also provides antisense nucleic acid molecules,
expression vectors containing the nucleic acid molecules of the invention, host cells
10 into which the expression vectors have been introduced, and non-human transgenic
animals in which a nucleic acid molecule of the invention has been introduced or
disrupted. The invention still further provides isolated polypeptides, fusion
polypeptides, antigenic peptides and antibodies. Diagnostic, screening, and therapeutic
methods utilizing compositions of the invention are also provided. The nucleic acids
15 and polypeptides of the present invention are useful as modulating agents in regulating
a variety of cellular processes.